



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Paul Lecoq  
Serial No.: 09/892,201  
Filed: June 26, 2001  
Title: PET SCANNER

Examiner: Gagliardi, A.  
Group Art Unit: 2878  
Attorney Docket: K316.105.101

**AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the December 10, 2002 Office Action, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please cancel claims 31-34 without prejudice or disclaimer, and please amend claim 16 to be as follows. A marked-up copy of this claim appears in the Appendix.

16. (Amended) A camera or scanner as claimed in claim 13, wherein an optical element is provided between each scintillation detector and its associated converting means, the optical element being such that light from the LuYAP is affected in one way and light from the other layer of the scintillation detector is affected in another way.

Please add new claims 37-40 as follows:

37. A positron emission tomography camera or scanner comprising: